

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/491,322DATE: 11/20/2000
TIME: 23:36:43

INPUT SET: S36123.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

RECEIVED

SEQUENCE LISTING

1
2
3 (1) General Information:
4 (i) APPLICANT: Hein, Mich B.
5 Hiatt, Andrew C.
6 Ma, Julian K.C.
7
8 (ii) TITLE OF INVENTION: TRANSGENIC PLANTS EXPRESSING ASSEMBLED
9 SECRETORY ANTIBODIES
10
11 (iii) NUMBER OF SEQUENCES: 26
12
13 (iv) CORRESPONDENCE ADDRESS:
14 (A) ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE
15 (B) STREET: 10666 North Torrey Pines Road, TPC-8
16 (C) CITY: La Jolla
17 (D) STATE: California
18 (E) COUNTRY: US
19 (F) ZIP: 92037
20
21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: Floppy disk
23 (B) COMPUTER: IBM PC compatible
24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
26
27 (vi) CURRENT APPLICATION DATA:
28 (A) APPLICATION NUMBER: 09/491,322
29 (B) FILING DATE:
30 (C) CLASSIFICATION:
31
32 (vii) PRIOR APPLICATION DATA:
33 (A) APPLICATION NUMBER: 08/642,406
34 (B) FILING DATE:
35
36 (viii) PRIOR APPLICATION DATA:
37 (A) APPLICATION NUMBER: US 07/427,765
38 (B) FILING DATE: 27-OCT-1989
39
40 (ix) ATTORNEY/AGENT INFORMATION:
41 (A) NAME: Logan, April C.
42 (B) REGISTRATION NUMBER: 33,950
43 (C) REFERENCE/DOCKET NUMBER: 184.2
44
45 (x) TELECOMMUNICATION INFORMATION:
46

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47 (A) TELEPHONE: (619) 554-2937
48 (B) TELEFAX: (619) 554-6312
49

50 (2) INFORMATION FOR SEQ ID NO:1:
51

52 (i) SEQUENCE CHARACTERISTICS:
53 (A) LENGTH: 18 base pairs
54 (B) TYPE: nucleic acid
55 (C) STRANDEDNESS: single
56 (D) TOPOLOGY: linear
57
58 (ii) MOLECULE TYPE: DNA (genomic)
59
60 (iii) HYPOTHETICAL: NO
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62 (iv) ANTI-SENSE: NO
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65
66 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
67

68 CCTTGACCGT AAGACATG
69

70 (2) INFORMATION FOR SEQ ID NO:2:
71

72 (i) SEQUENCE CHARACTERISTICS:
73 (A) LENGTH: 22 base pairs
74 (B) TYPE: nucleic acid
75 (C) STRANDEDNESS: single
76 (D) TOPOLOGY: linear
77
78 (ii) MOLECULE TYPE: DNA (genomic)
79
80 (iii) HYPOTHETICAL: NO
81
82 (iv) ANTI-SENSE: NO
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84
85
86 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
87

88 AATTCCATGTC TTACGGTCAA GG
89

90 (2) INFORMATION FOR SEQ ID NO:3:
91

92 (i) SEQUENCE CHARACTERISTICS:
93 (A) LENGTH: 33 base pairs
94 (B) TYPE: nucleic acid
95 (C) STRANDEDNESS: single
96 (D) TOPOLOGY: linear
97
98 (ii) MOLECULE TYPE: DNA (genomic)
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100 (iii) HYPOTHETICAL: NO
101 (iv) ANTI-SENSE: NO
102
103
104
105
106 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
107
108 TGTGAAAACC ATATTGAATT CCACCAATAAC AAA
109

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110 (2) INFORMATION FOR SEQ ID NO:4:
111 (i) SEQUENCE CHARACTERISTICS:
112 (A) LENGTH: 45 base pairs
113 (B) TYPE: nucleic acid
114 (C) STRANDEDNESS: single
115 (D) TOPOLOGY: linear
116
117 (ii) MOLECULE TYPE: DNA (genomic)
118
119 (iii) HYPOTHETICAL: NO
120
121 (iv) ANTI-SENSE: NO
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126 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
127
128 ATTTAGCACA ACATCCATGT CGACGAATTG AATCCAAAAA AGCAT
129

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130 (2) INFORMATION FOR SEQ ID NO:5:
131 (i) SEQUENCE CHARACTERISTICS:
132 (A) LENGTH: 42 base pairs
133 (B) TYPE: nucleic acid
134 (C) STRANDEDNESS: single
135 (D) TOPOLOGY: linear
136
137 (ii) MOLECULE TYPE: DNA (genomic)
138
139 (iii) HYPOTHETICAL: NO
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141 (iv) ANTI-SENSE: NO
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146 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
147
148 GGGGAGCTGG TGGTGGAAATT CGTCGACCTT TGTCTCTAAC AC
149

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150 (2) INFORMATION FOR SEQ ID NO:6:
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152

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153 (i) SEQUENCE CHARACTERISTICS:
154 (A) LENGTH: 30 base pairs
155 (B) TYPE: nucleic acid
156 (C) STRANDEDNESS: single
157 (D) TOPOLOGY: linear
158 (ii) MOLECULE TYPE: DNA (genomic)
159
160 (iii) HYPOTHETICAL: NO
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162 (iv) ANTI-SENSE: NO
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165
166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
167
168 CCATCCCCATG GTTGAATTCA GTGTCGTCAG
169
170 (2) INFORMATION FOR SEQ ID NO:7:
171
172 (i) SEQUENCE CHARACTERISTICS:
173 (A) LENGTH: 45 base pairs
174 (B) TYPE: nucleic acid
175 (C) STRANDEDNESS: single
176 (D) TOPOLOGY: linear
177
178 (ii) MOLECULE TYPE: DNA (genomic)
179
180 (iii) HYPOTHETICAL: NO
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182 (iv) ANTI-SENSE: NO
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185
186 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
187
188 CTGCAACTGG ACCTGCATGT CGACGAATTG AGCTCCTGAC AGGAG
189
190 (2) INFORMATION FOR SEQ ID NO:8:
191
192 (i) SEQUENCE CHARACTERISTICS:
193 (A) LENGTH: 42 base pairs
194 (B) TYPE: nucleic acid
195 (C) STRANDEDNESS: single
196 (D) TOPOLOGY: linear
197
198 (ii) MOLECULE TYPE: DNA (genomic)
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200 (iii) HYPOTHETICAL: NO
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202 (iv) ANTI-SENSE: NO
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206 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
 207
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CCTGTAGGAC CAGAGGAATT CGTCGACACT GGGATTATT AC

212 (2) INFORMATION FOR SEQ ID NO:9:
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214 (i) SEQUENCE CHARACTERISTICS:
 215 (A) LENGTH: 75 base pairs
 216 (B) TYPE: nucleic acid
 217 (C) STRANDEDNESS: single
 218 (D) TOPOLOGY: linear

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219 (ii) MOLECULE TYPE: DNA (genomic)

220 (iii) HYPOTHETICAL: NO

221 (iv) ANTI-SENSE: NO

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223 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
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GAATTTCATTC AAGAATAGTT CAAACAAGAA GATTACAAAC TATCAATTTC ATACACAATA
 TAAACGATTAA AAAGA

232 (2) INFORMATION FOR SEQ ID NO:10:
 233

234 (i) SEQUENCE CHARACTERISTICS:
 235 (A) LENGTH: 90 amino acids
 236 (B) TYPE: amino acid
 237 (C) STRANDEDNESS: single
 238 (D) TOPOLOGY: linear

239 (ii) MOLECULE TYPE: peptide

240 (v) FRAGMENT TYPE: N-terminal

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246 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
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Met Arg Phe Pro Ser Ile Phe Thr Ala Val Leu Phe Ala Ala Ser Ser
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Ala Leu Ala Ala Pro Val Asn Thr Thr Glu Asp Glu Thr Ala Gln
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Ile Pro Ala Glu Ala Val Ile Gly Tyr Ser Asp Leu Glu Gly Asp Phe

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Asp Val Ala Val Leu Pro Phe Ser Asn Ser Thr Asn Asn Gly Leu Leu
 55

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Asp Val Ala Val Leu Pro Phe Ser Asn Ser Thr Asn Asn Gly Leu Leu
 50

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/491,322

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Original Text

Line Error

PAGE: 1

SEQUENCE MISSING ITEM REPORT
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<< THERE ARE NO ITEMS MISSING >>

PAGE: 1

SEQUENCE CORRECTION REPORT
PATENT APPLICATION **US/09/491,322**

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Line

Original Text

Corrected Text